



MI-CW2811

# Michigan Crop Weather

July 11, 2011

## Another Warm Dry Week

Six days were suitable for fieldwork during the week ended July 10, according to the USDA, NASS, Michigan Field Office. Precipitation ranged from 0.39 inches to 0.46 inches in the Upper Peninsula and no rain to 0.62 inches in the Lower Peninsula. Temperatures were 4 degrees above normal in the Upper Peninsula and ranged from 2 to 4 degrees above normal in the Lower Peninsula. It was another good week for field activity; however, farmers in the Lower Peninsula said crops could use moisture. In some areas, crops benefitted from the heat and showed rapid growth, while other areas showed signs of stress due to lack of moisture. Activities included wrapping up nitrogen applications on corn, weed control, spraying for insects, cutting of hay, and harvesting of wheat, cherries, strawberries, and blueberries.

## Field Crops

Warm temperatures gave field crops a boost that was much needed. Very little rain fell last week in southern Michigan causing some fields to show moisture stress. It was a good week for **alfalfa** harvest. Fields needed another good soaking to insure a good next cutting. **Corn** leaves began to curl as farmers wrapped up nitrogen application on fields. Other crops were starting to show signs of moisture stress. **Soybeans** remain short. Farmers were gearing up for **wheat** harvest if they had not started already. **Sugarbeet** plants started filling in rows.

Soil moisture for week ending 07/10/11

Stratum	Very short	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Topsoil	13	35	50	2
Subsoil	4	29	63	4

Crop condition for week ending 07/10/11

Crop	Very poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All Hay	1	3	21	55	20
Barley	0	1	38	57	4
Corn	3	10	30	44	13
Dry beans	2	9	32	44	13
Oats	1	3	31	55	10
Pasture	1	6	26	53	14
Soybeans	3	8	33	46	10

## Fruit

The **tart cherry** harvest was underway in the southwest. **Sweet cherry** harvesting was also in the early stages. Cherry fruit fly catches increased. **Blueberry** harvesting continued. **Strawberry** harvest neared completion in the northwest. San Jose scale crawlers were detected in **apples** in the south.

## Vegetables

Vegetable crops progressed in the above average temperatures this past week, but were in need of moisture. Irrigation was being used where needed. **Tomatoes** and **peppers** continued to flower and fruit. **Celery** looked good overall, but growth was still behind normal. **Carrot** stands were adequate. Growers monitored for aster leafhoppers. The **onion** crop had stands of varying densities. **Sweet corn** was growing well. Growers continued to monitor for European corn borer. **Cabbage** harvest was progressing, while some transplanting continued. **Cucumber, zucchini,** and **summer squash** harvest was underway. Downy mildew on cucumbers was reported in southeast Michigan. **Cantaloupe** and **watermelon** were setting fruit. **Pumpkins** and **fall squash** were close to bloom in the southwest. Harvest of the **pea** crop has been completed in the southwest.

Crop progress for week ending 07/10/11

Crop	This week	Last week	Last year	5-year average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
All hay, first cutting	89	81	90	94
All hay, second cutting	27	8	38	18
Barley, headed	84	63	96	32
Blueberries, harvested	8	5	18	12
Dry beans, blooming	2	NA	8	2
Oats, headed	86	68	97	93
Oats, turning yellow	11	NA	48	29
Strawberries, harvested	87	72	96	87
Tart cherries, harvested	1	0	42	27
Winter wheat, turning yellow	98	84	99	95
Winter wheat, harvested	4	0	37	NA

**Michigan Weather Summary for Week Ending 07/10/11 <sup>1</sup>**

Station	Temperature			Cumulative growing degree days <sup>2</sup>			Precipitation					
	Maximum	Minimum	Departure from normal	2011	2010	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	88	50		880	1,034		0.43	0.58	3.18	10.39		
Marquette	91	48		796	998		0.13	0.18	2.75	11.46		
Stephenson	87	50		918	1,190		0.00	0.07	3.21	10.16		
<b>Western UP</b>	91	44	4	833	1,041	827	0.39	0.50	3.16	10.13	10.24	3.42
Cornell	86	49		849	1,114		0.41	0.41	3.28	9.45		
Sault St Marie	86	50		805	1,019		0.38	0.61	2.57	12.48		
<b>Eastern UP</b>	90	44	4	775	997	670	0.46	0.63	3.07	11.62	9.63	3.19
Beulah	85	54		1,031	1,208		0.47	0.67	4.12	15.95		
Lake City	90	47		1,003	1,195		0.26	0.39	3.56	13.34		
Old Mission	88	50		918	1,173		0.00	0.02	1.99	10.68		
Pellston	85	44		920	1,151		0.30	0.32	3.79	12.57		
<b>Northwest</b>	90	44	4	937	1,146	957	0.18	0.25	3.17	12.56	9.26	2.99
Alpena	91	50		885	1,125		0.20	0.23	3.25	14.43		
Houghton Lake	87	48		1,063	1,257		0.80	0.88	3.06	12.23		
Rogers City	90	52		770	1,033		0.00	0.00	3.40	11.58		
<b>Northeast</b>	91	48	4	934	1,169	918	0.62	0.79	3.51	13.00	9.07	3.18
Fremont	86	53		1,143	1,349		0.00	0.69	5.67	13.18		
Hart	86	54		1,052	1,267		0.01	1.21	4.01	10.32		
Muskegon	87	58		1,235	1,421		0.01	0.85	2.43	11.17		
<b>West Central</b>	87	46	3	1,106	1,320	1,064	0.02	1.04	4.58	12.29	9.52	2.54
Alma	90	56		1,120	1,395		0.00	0.18	4.61	14.39		
Big Rapids	88	51		1,052	1,294		0.00	0.26	3.43	16.17		
Vestaburg	0	0		0	0		0.00	0.00	0.00	0.00		
<b>Central</b>	90	51	4	1,109	1,343	1,124	0.01	0.18	3.24	12.78	10.11	2.97
Bad Axe	88	56		1,048	1,295		0.50	1.17	3.75	14.37		
Pigeon	87	55		1,070	1,288		0.17	0.89	3.37	12.09		
Port Sanilac	NA	NA					0.00	0.00	0.00	0.00		
Saginaw	90	58		1,220	1,468		0.00	0.10	4.05	14.49		
Standish	88	54		1,015	1,255		0.17	1.41	3.89	14.64		
<b>East Central</b>	90	54	4	1,047	1,326	1,105	0.18	0.66	3.47	14.16	9.21	2.92
Fennville	87	55		1,164	1,369		0.01	0.72	2.71	13.38		
Grand Rapids	90	58		1,317	1,531		0.00	0.59	3.35	15.67		
Holland	90	58		1,755	1,524		0.00	1.81	4.02	16.85		
Paw Paw	0	0		0	0		0.00	0.00	0.00	0.00		
South Bend, IN	90	57		1,400	1,560		0.09	0.69	3.79	20.55		
Watervliet	89	58		1,275	1,472		0.00	0.76	2.68	14.67		
<b>Southwest</b>	91	52	2	1,299	1,476	1,209	0.01	0.96	3.50	15.51	10.94	3.09
Belding	87	52		1,149	1,366		0.00	0.22	2.92	13.55		
Coldwater	90	56		1,331	1,534		0.00	0.14	1.18	11.27		
Lansing	92	56		1,247	1,489		0.00	0.00	1.45	14.55		
<b>South Central</b>	92	52	3	1,211	1,443	1,205	0.00	0.09	1.96	14.15	10.72	3.22
Detroit	91	65		1,403	1,606		0.00	1.56	2.08	13.48		
Flint	92	57		1,286	1,484		0.00	0.07	2.20	15.71		
Romeo	92	56		1,191	1,402		0.00	0.57	2.01	14.50		
Tipton	91	59		1,287	1,466		0.15	0.15	1.43	13.98		
Toledo, OH	92	61		1,295	1,637		0.01	0.30	1.53	12.67		
<b>Southeast</b>	96	52	5	1,275	1,518	1,174	0.01	0.30	1.48	12.78	10.47	3.11

<sup>1</sup> Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

<sup>2</sup> Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.